

## Claims

We claim:

- 5        1.        A low profile antenna insert nut comprising:  
             a cylindrical front mount, the cylindrical front mount having a threaded interior  
             for installing an antenna;  
             a flanged central portion disposed about one end of said cylindrical front mount;  
             and  
10        a base mount disposed about said flanged central portion opposite to said  
             cylindrical front mount, said base mount consisting of a partially cylindrical collar  
             extending in an arc.
- 15        2.        The low profile antenna insert nut of claim 1, wherein said base mount further  
             includes a circumferentially extending groove on an outer surface of said base  
             mount.
- 20        3.        The low profile antenna insert nut of claim 2, wherein said groove is adapted  
             to accommodate a contact clip.
- 25        4.        The low profile antenna insert nut of claim 1, wherein said arc is 180 degrees.
5.        The low profile antenna insert nut of claim 1, wherein said arc is less than 180  
             degrees.
- 30        6.        An antenna mount system comprising:  
             a low profile antenna insert nut having:  
                 a cylindrical front mount, the cylindrical front mount having a threaded  
                 interior for installing an antenna; and  
                 a flanged central portion disposed about one end of said cylindrical front  
                 mount;

a base mount disposed about said flanged central portion opposite to said cylindrical front mount, said base mount consisting of a partially cylindrical collar extending in an arc; and

a device casing, said device casing including:

5                   a hole about a first end of said device casing, said hole sized to rotatably accommodate said cylindrical front mount and to allow said flanged central portion to abut a periphery of said hole;

                  a first stud disposed rearwardly of said hole, said first stud positioned to abut a side of said base mount and to prevent said base mount from rotating beyond said  
10   stud; and

                  a second stud disposed rearwardly of said hole, said second stud positioned to abut an end of said base mount and to prevent said base mount from moving rearwardly when said base mount abuts said stud.

15       7.       The antenna mount system of claim 6, wherein said base mount further includes a circumferentially extending groove on an outer surface of said base mount.

                  8.       The antenna mount system of claim 7, wherein said groove is adapted to  
20   accommodate a contact clip.

                  9.       The antenna mount system of claim 8, wherein said contact clip prevents rotation of said antenna insert nut.

25       10.       The antenna mount system of claim 6, wherein said arc is 180 degrees.

                  11.       The antenna mount system of claim 6, wherein said arc is less than 180  
30   degrees.